

The best of

QUALITY & SAFETY

in a **"MADE IN ITALY"** product

Born to work well even in particularly difficult circumstances and under heavy mechanical stresses typical of extreme ocean racing, the photovoltaic module "SOLBIANFLEX" is a true revolution in the field for the high efficiency never achieved by a light and flexible panel and for the outstanding resistance to weather and degrading agents such as thermal shock, fog and salt water, solar radiation and shocks (can be walked). The panel is made of special polymers selected by researchers of CNR, a patented technology.

✓ LIGHT 1/6 compared to traditional ones (Made with glass)

✓ FLEXIBLE Up to 25% of bending

✓ EFFICIENT More than 22.5%

CERTIFIED QUALITY

IEC 61215



ISO 9001



ISO 14001



SUN POWER SERIES

The photovoltaic panels of SP series are made using **SunPower™** monocrystalline cells, with an **efficiency greater than 22.5%**, incorporated in **polymers with high strength**. The SunPower™ cells, thanks to their "backcontact" technology, have a very pleasant aesthetic appearance, furthermore, they make the **Solbian panels the most efficient on the market**.

	SP 137	SP 125	SP 112 L	SP 112 Q	SP 100	SP 50 L	SP 50 Q
Power	137 W	125 W	112 W	112 W	102 W	51 W	51 W
Length	1490	1363	1236	855	1109	1109	601
Height	546	546	546	800	546	292	546
Thickness	2	2	2	2	2	2	2
Weight	2 Kg	1.8 Kg	1.7 Kg	1.7 Kg	1.5 Kg	0.8 Kg	0.8 Kg



SX SERIES

SX series panels use "full square" monocrystalline silicon cells with **efficiency larger than 19%**. The new connection technology makes SX panels especially resistant to impacts and less sensitive to shading. **High energy yield and high reliability**.

	SX 156 L	SX 72 Q	SX 72 L	SX 54
Power	156 W	72 W	72 W	54 W
Length	1515	725	1357	1041
Height	680	680	364	364
Thickness	2	2	2	2
Weight	2.7 Kg	1.2 Kg	1.2 Kg	0.9 Kg



CP SERIES

The flexible solar panels of **CP series** are made using monocrystalline silicon cells, with an **efficiency greater than 18%**, incorporated in **polymers with high strength**.

	CP 140 L	CP 140 Q	CP 125
Power	144 W	144 W	128 W
Length	1523	1046	1364
Height	676	996	676
Thickness	2	2	2
Weight	2.6 Kg	2.6 Kg	2.3 Kg



CUSTOM PANELS

Solbianflex panels are engineered to satisfy the needs of our customers. The number of cells, colours, electrical characteristics....choose your personalization.

Custom panel realized with laminated bypass diodes, to minimize shading effects on a flexible panel without Junction Box



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